

indicating a creation time of said corresponding version,” were discussed. Applicant’s attorney and the Examiner agreed that Applicant would submit proposed amendments in writing for consideration that are consistent with the suggestions made during the telephone discussion.

5                   In addition, Applicant’s attorney indicated to the Examiner that a Notice of Appeal was filed in co-pending related Application Serial Number 09/201,752, entitled “A Method And Apparatus For Persistent Storage of Web Resources,” on January 24, 2002. The Examiner indicated that she would contact the Examiner(s) on the co-pending related applications to potentially streamline the consideration thereof.

10                   The present invention has been described at length in the previous responses.

                  In the Office Action, the Examiner rejected Claims 1 through 28 under 35 U.S.C. §103(a) as being unpatentable over Ingrassia (United States Patent No. 5,941,957). The Examiner asserts that Ingrassia discloses a method that receives a request that includes a time-stamp (citing column 7, lines 30-38 and 57-65) and identifying as a function of the time-stamp a machine storing a version of the electronic document for a time period corresponding to the time-stamp. (citing column 8, lines 9-22).

                  In the telephone interview, the Examiner indicated that she did not assign patentable weight to the limitation “each of said versions identified by a time-stamp indicating a creation time of said corresponding version,” since it only appeared in the preamble. Applicant submits that the limitation was incorporated into the body of the claim through the repeated use of the “time-stamp” language. In addition, as recognized by the Examiner, this limitation already explicitly appeared in claims 16, 22 and 28, prior to the present amendments. Nonetheless, in order to remove this issue and have this limitation properly considered, Applicant has amended each independent claim to explicitly recite the limitation.

                  In addition, the claims have been amended to clarify the terminology associated with “creation time-stamps” associated with a version of the document and indicating the creation time of the version and “requested time-stamps” associated with a user request and indicating the time associated with a desired version of the electronic

document. While these values may often be the same, the version of the document with the most recent creation time-stamp preceding the requested time-stamp is sent if a version of the electronic document does not exist having a creation time-stamp that precisely matches the requested time-stamp. (see, for example, page 7, lines 9-12 and  
5 original claim 5). No new matter has been introduced.

Ingrassia does not disclose or suggest "receiving a request for an electronic document that includes a time-stamp indicating a creation time of a desired version of a multiple-version document," as required by each of the independent claims of the present invention, as amended. Rather, Ingrassia's time-stamps identify when a  
10 given electronic document is loaded or unloaded by a given browser with the same version of a document having multiple time-stamps. (Col. 7, line 59; Col. 8, lines 16 and 42. See also, Col. 19, line 61). In addition, the time-stamps in Ingrassia are issued by the central WTS server 144, and are not received by the server with a request for the electronic document from a client with the time-stamp identifying a particular version, as  
15 required by each of the independent claims, as amended.

In addition, Ingrassia does not disclose or suggest "identifying as a function of the time-stamp, a machine storing a version of said electronic document for a time period corresponding to said time-stamp," as further required by each of the independent claims of the present invention, as amended.

20 Dependent Claims 2-7, 9-14, 17-21 and 23-27 were also again rejected under 35 U.S.C. §102(e) as being anticipated by Ingrassia. Claims 2-7, 9-14, 17-21 and 23-27 are dependent on Claims 1, 8, 15, 16, 22 or 28 and are therefore patentably distinguished over Ingrassia because of their dependency from amended independent Claims 1, 8, 15, 16, 22 or 28, for the reasons set forth above, as well as other elements  
25 these claims add in combination to their base claim.

In view of the foregoing, the invention, as claimed in Claims 1 through 28, cannot be said to be either taught or suggested by Ingrassia. Accordingly, applicant respectfully requests that the rejection of claims 1 through 28 under 35 U.S.C. § 103(a) be withdrawn.

30 All of the pending claims, i.e., claims 1 through 28, are in condition for allowance and such favorable action is earnestly solicited.

If any outstanding issues remain, or if the Examiner has any further suggestions for expediting allowance of this application, the Examiner is invited to contact the undersigned at the telephone number indicated below.

The Examiner's attention to this matter is appreciated.

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Respectfully submitted,

*Kevin M. Mason*

Date: February 22, 2002

Kevin M. Mason

Attorney for Applicants

Reg. No. 36,597

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Ryan, Mason & Lewis, LLP

1300 Post Road, Suite 205

Fairfield, CT 06430

(203) 255-6560

**VERSION MARKED TO SHOW ALL CHANGES**

**IN THE SPECIFICATION:**

Please amend the paragraph beginning on page 1, line 6, with the following rewritten paragraph:

5                   -- The present invention is related to United States Patent Application  
Serial Number 09/201,752, entitled "A Method And Apparatus For Persistent Storage of  
 Web Resources," [(Attorney Docket Number Ong 8),] United States Patent Application  
Serial Number 09/201,751, entitled "A Method And Apparatus For Persistent Access to  
 Web Resources," [(Attorney Docket Number Ong 9)] and United States Patent  
 10 Application Serial Number 09/201,750, entitled "A Method And Apparatus For Persistent  
 Access to Web Resources Using Relative Time-Stamps," [(Attorney Docket Number  
 Ong 10),] each filed contemporaneously herewith, assigned to the assignee of the present  
 invention and incorporated by reference herein. --

15 **IN THE CLAIMS:**

Please amend the claims as follows:

1.                   (Three Times Amended) A method for providing an electronic document,  
 20 said electronic document having multiple versions, each of said versions identified by a  
creation time-stamp indicating a creation time of said corresponding version, said method  
 comprising the steps of:

                    receiving a request for said electronic document, said request including a  
requested time-stamp indicating a time associated with a desired version of said  
 25 electronic document;

                    identifying as a function of said creation time-stamp and said requested  
time-stamp a machine storing a version of said electronic document [for a time period]  
having a creation time corresponding to said requested time-stamp; and

                    transmitting said electronic document corresponding to said requested  
 30 time-stamp from said identified machine.

2. (Amended) The method according to claim 1, wherein an address identifying said electronic document includes said creation time-stamp.

3. (Not Amended) The method according to claim 2, wherein said address is  
5 a Uniform Resource Locator ("URL").

4. (Amended) The method according to claim 3, wherein said Uniform Resource Locator ("URL") has an associated request header for indicating said requested time stamp.

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5. (Amended) The method according to claim 1, further comprising the step of transmitting the version of said electronic document with the most recent creation time-stamp preceding the requested time-stamp if a version of said electronic document does not exist with the requested time-stamp.

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6. (Not Amended) The method according to claim 1, wherein said request is specified using a browser.

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7. (Amended) The method according to claim 1, wherein said requested time-stamp is a relative time-stamp.

8. (Three Times Amended) A system for storing an electronic document having multiple versions, each of said versions identified by a creation time-stamp indicating a creation time of said corresponding version, said system comprising:

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a memory for storing said multiple versions of said electronic document in an archive of electronic documents; and

a processor operatively coupled to said memory, said processor configured to:

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receive a request for said electronic document, said request including a requested time-stamp indicating a time associated with a desired version of said electronic document;

identify as a function of said creation time-stamp and said requested time-stamp a machine storing a version of said electronic document [for a time period] having a creation time corresponding to said requested time-stamp; and

5 transmit said electronic document corresponding to said requested time-stamp from said identified machine.

9. (Amended) The system according to claim 8, wherein an address identifying said electronic document includes said creation time-stamp.

10 10. (Not Amended) The system according to claim 9, wherein said address is a Uniform Resource Locator ("URL").

11. (Amended) The system according to claim 10, wherein said Uniform Resource Locator ("URL") has an associated request header for indicating said requested  
15 time stamp.

12. (Not Amended) The system according to claim 8, wherein said request is specified using a browser.

20 13. (Amended) The system according to claim 8, wherein said processor is further configured to transmit the version of said electronic document with the most recent creation time-stamp preceding the requested time-stamp if a version of said electronic document does not exist with the requested time-stamp.

25 14. (Amended) The system according to claim 8, wherein said requested time-stamp is a relative time-stamp.

15. (Three Times Amended) An article of manufacture for accessing an electronic document, said electronic document having multiple versions, each of said  
30 versions being identified by a creation time-stamp indicating a creation time of said corresponding version, said article of manufacture comprising:

a computer readable medium having computer readable program code means embodied thereon, said computer readable program code means comprising program code means for causing a computer to:

receive a request for said electronic document, said request including a  
 5 requested time-stamp indicating a time associated with a desired version of said electronic document;

identify as a function of said creation time-stamp and said requested time-stamp a machine storing a version of said electronic document [for a time period] having a creation time corresponding to said requested time-stamp; and

10 transmit said electronic document corresponding to said requested time-stamp from said identified machine.

16. (Three Times Amended) A method for resolving a domain name, said method comprising the steps of:

15 receiving a request for an electronic document associated with said domain name, said electronic document having multiple versions, each of said versions being identified by a creation time-stamp indicating a creation time of said corresponding version, said request including a requested time-stamp indicating a time associated with a desired version of said electronic document;

20 identifying as a function of said creation time-stamp and said requested time-stamp a machine corresponding to a version of said domain name for a time period corresponding to said requested time-stamp; and

transmitting an indication of said identified machine storing said electronic document corresponding to said requested time-stamp.

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17. (Amended) The method according to claim 16, wherein an address identifying said electronic document includes said creation time-stamp.

18. (Not Amended) The method according to claim 17, wherein said address  
 30 is a Uniform Resource Locator ("URL").

19. (Amended) The method according to claim 18, wherein said Uniform Resource Locator (“URL”) has an associated request header for indicating said requested time stamp.

5 20. (Not Amended) The method according to claim 16, wherein said request is specified using a browser.

21. (Amended) The method according to claim 16, wherein said requested time-stamp is a relative time-stamp.

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22. (Three Times Amended) A system for resolving a domain name, said system comprising:

a memory for storing a database identifying a machine storing an electronic document corresponding to said domain name for a plurality of time periods;  
15 and

a processor operatively coupled to said memory, said processor configured to:

receive a request for an electronic document associated with said domain name, said electronic document having multiple versions, each of said versions being  
20 identified by a creation time-stamp indicating a creation time of said corresponding version, said request including a requested time-stamp indicating a time associated with a desired version of said electronic document;

access said database as a function of said creation time-stamp and said requested time-stamp to identify a machine corresponding to a version of said domain  
25 name for a time period corresponding to said requested time-stamp; and

transmit an indication of said identified machine storing said electronic document corresponding to said requested time-stamp.

23. (Amended) The system according to claim 22, wherein an address  
30 identifying said electronic document includes said creation time-stamp.



24. (Not Amended) The system according to claim 23, wherein said address is a Uniform Resource Locator ("URL").

25. (Amended) The system according to claim 24, wherein said Uniform  
5 Resource Locator ("URL") has an associated request header for indicating said requested time stamp.

26. (Not Amended) The system according to claim 22, wherein said request is specified using a browser.

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27. (Amended) The system according to claim 22, wherein said requested time-stamp is a relative time-stamp.

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28. (Three Times Amended) An article of manufacture for resolving a domain name, said article of manufacture comprising:

a computer readable medium having computer readable program code means embodied thereon, said computer readable program code means comprising program code means for causing a computer to:

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receive a request for an electronic document associated with said domain name, said electronic document having multiple versions, each of said versions being identified by a creation time-stamp indicating a creation time of said corresponding version, said request including a requested time-stamp indicating a time associated with a desired version of said electronic document;

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identify as a function of said creation time-stamp and said requested time-stamp a machine corresponding to a version of said domain name for a time period corresponding to said requested time-stamp; and

transmit an indication of said identified machine storing said electronic document corresponding to said time-stamp.